

ABSTRACT

A wood golf club head adapted to effectively achieve the maximum flight distance of a golf ball, that is, describe the optimum trajectory of a golf ball, by
5 incorporating an appropriate correlation between launch angle and backspin speed of a golf ball after striking it. A wood golf club head is designed so that launch angle and backspin speed of a golf ball can be located in the region defined by an ellipse whose center is Point O(21, 1800), length
10 of a major axis L is equal to 2100(rpm), length of a minor axis S is equal to 5.7(deg), and gradient θ of the major axis measured in a counterclockwise direction from the vertical axis is equal to 0.25(deg), wherein the horizontal coordinate designates the launch angle(deg) of a golf ball,
15 the vertical coordinate designates the backspin speed(rpm) of a golf ball, and the horizontal and vertical axes are on the same scale. A face 2a of the wood golf club head is formed of a low friction material.

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